

Title (en)

Synchromesh for gearboxes for motor vehicle

Title (de)

Synchronisierungsvorrichtung eines Getriebes eines Kraftfahrzeugs

Title (fr)

Synchroniseur de boîte de vitesses pour véhicules automobiles

Publication

EP 1460298 B1 20070718 (FR)

Application

EP 04290625 A 20040308

Priority

FR 0303418 A 20030320

Abstract (en)

[origin: EP1460298A1] The synchronizer has a driving unit with one side (23) having a guiding flap (23a) for forming a radial tappet (15) with a ball bearing (25) at a radial height greater than the radial height of another side (22) having a guiding flap (22a). The guiding flaps rest on a respective guiding surface, where the radial height of one surface is lower than that of the other surface, in a way to constitute a fool proof device.

IPC 8 full level

F16D 23/06 (2006.01)

CPC (source: EP)

F16D 23/06 (2013.01); **F16D 2023/0618** (2013.01)

Cited by

FR2888626A1; EP1724483A1; CN111065837A; CN104121298A; CN110017339A; CN107466342A; WO2016165707A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1460298 A1 20040922; EP 1460298 B1 20070718; AT E367538 T1 20070815; DE 602004007563 D1 20070830; DE 602004007563 T2 20080403; ES 2290640 T3 20080216; FR 2852645 A1 20040924; FR 2852645 B1 20060519

DOCDB simple family (application)

EP 04290625 A 20040308; AT 04290625 T 20040308; DE 602004007563 T 20040308; ES 04290625 T 20040308; FR 0303418 A 20030320